

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE REGULATORY CONTACT RECORD

Date/Time: October 20, 2004/ 1:00 p.m.

Site Contact(s): Chris Gilbreath

Phone: (303) 966-7355

Regulatory Contact: Dave Kruchek

Phone: (303) 692-3328

Agency: CDPHE

Purpose of Contact: Disposition of Building 771 Rebar

Discussion

A significant quantity of rebar exists within the Building 771 concrete structure. Demolition activities were initiated on the structure on September 15, 2004. Given that some of the rebar was embedded within concrete with residual radioactive contamination, the rebar will be dispositioned as low-level radioactive waste.

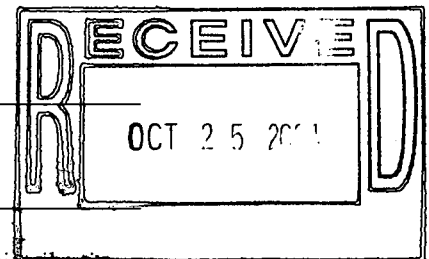
The 771 Project anticipates generating approximately 35-40 intermodals worth of rebar during demolition activities. Loading this material into intermodals is very difficult given the size, quantity and entangled composition of the rebar. As a result, the rebar will be relocated in a waste management cell located southwest of the Building 460 parking lot and will ultimately be dispositioned via gondolas as opposed to intermodals. The waste management cell will consist of a road base foundation. A fixative will be applied to the rebar to mitigate the potential to contaminate the waste management cell. Smears will be performed on representative portions of the material prior to transfer to ensure any potential removable contamination has been addressed. In addition, the waste management cell containing the rebar will be managed as a radioactive materials area and inspected bi-weekly to verify the rebar remains in a safe configuration until it is shipped off-site. A berm will also be placed around the staged rebar to control run-on/run-off. Surveys will be performed on the waste management cell following the removal of the rebar. Any contamination will be dispositioned accordingly.

Mr. Kruchek agreed with this approach.

Contact Record Prepared By: Chris Gilbreath

Required Distribution:

Additional Distribution:



M. Aguilar, USEPA
S. Bell, DOE-RFPO
B. Birk, DOE-RFPO
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C. Gilbreath, K-H 771/774
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